

Statement of Massachusetts for Safe Technology Regarding The FCC's Proposed Revision of the OTARD Rule

- The OTARD rule should not be changed to allow wireless companies to put their 5G antennas on private homes. If changed as planned by the FCC, it will strip communities of their right to make decisions about the placement of antennas on all neighborhood streets. Please see enclosed sheet Americans for Responsible Technology - explanation regarding OTARD rule (47 C.F.R section 1.40000).
- The FCC should not be using taxpayer dollars for the benefit of wireless companies, pushing a new technology that has never been proven safe.
- The FCC's wireless radiation exposure guidelines are based on research from the 1980's, and only consider thermal effects, not the biological effects documented in recent studies. In the Massachusetts lawsuit Fay School v. G, the federal court recognized biological effects on the non thermal level. <https://www.leagle.com/decision/infeco20171006q74>
- The small cell towers of 5G will require a massive, dense deployment of stronger (than 3G and 4G) high frequency antennas across provider networks in locations close to customers. The radiation from the “small cell” is not small! In addition 5G will not replace 3G and 4G but will add to our current exposure to microwave radiation.
- Brussels, Geneva, and others have already put a moratorium on 5G until it can be proven biologically safe. <https://www.radiationresearch.org/news/brussels-belgium-and-rome-municipality-action-on-wireless-5g-antennas/>
- Physicians for Safe Technology: Over 200 scientists and doctors issued a declaration calling for a moratorium on 5G, citing human health effects and impact on wildlife. <https://mdsafetech.org/5g-telecommunications-science/> & <https://mdsafetech.org/problems/5g/>
- Studies show property values drop 20 percent for homes near a cell tower. This impacts both individual owners and the towns tax revenue. <https://ehtrust.org/cell-phone-towers-lower-property-values-documentation-research/>
- New Hampshire just passed HB.522 to form a commission to address the health and environmental impact of 5G and wireless technology. We need to do the same in Massachusetts and bill H.2885 proposes that. <https://malegislature.gov/Bills/191/H2885/BillHistory>
- [U.S. Senator Richard Blumenthal, Congresswoman Anna Eschoo and Congressman DeFazio](#) are asking the FCC and industry to prove 5G is safe for health and environment, and they have not been able to prove safety.
- Wired fiber optic connections to the premises are safer, faster, more reliable, greater capacity, consume far less energy and are a more cyber secure option.